

ZAWADZKI, Jerzy, mgr.; ZYSK, Jan, mgr., ins.

Removal by washing of the rests of the SH type domestic neutral
hardening salts from hardened objects. Przegl mech 20 no.21:650-654
'61.

1. Instytut Mechaniki Precyzyjnej, Warszawa.

(Metals) (Salts)

6.7.6.2.5.1

COUNTRY	:	Poland	H-4
CATEGORY	:		
ART. JOUR.	:	RZKhin, No. 5 1960, No.	12236
AUTHOR	:	Hermanowicz, E. and Zawadzki, J.	
INST.	:	Polish Institute for Mechanics	
TITLE	:	The Protection of Steel and Zinc-Aluminum Alloys from Underground Corrosion by Painting	
ORIG. PUB.	:	Prace Inst Mech, 7, No 25, 44-60 (1959)	
ABSTRACT	:	Tests have been made on the protective properties under conditions of underground corrosion of coatings of different types of paint (P) on phos- phated steel, zinc-plated steel (galvanized or metallized), and on Zn-Al alloys: the results in- dicate the superiority of synthetic resin based paints over oil-based paints. The following enam- els were found to be most effective: Z-S-101-A epoxy enamel (oven-dried), 2062 F gray enamel, and chlorinated rubber-based enamel. The prepara-	
CARD:	1/2	211	

COUNTRY:	:	Poland	11-4
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 5 1960, No.	13256
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	<p>tion of the metal surface prior to the application of the P has a marked effect on the corrosion protective properties of the P. Best results are obtained from the application of layer of galvanic Zn followed by passivation or phosphating. For best results in the corrosion protection of Zn-Al alloys, a preliminary pickling is recommended followed by the application of one coat of Z-S-101-A or 2062 F gray enamel. Acid peat soils have the most aggressive effect on P coatings.</p> <p>V. Kashcheyev</p>	
CARD:		2/2	

ZAWADZKI, Jerzy

A review of trichomonocidal drugs used in human therapy. Wiadomosci
parazyt. 6 no.6:489-500 '60.

1. Wojewodska Przychodnia Immunopatologii Ciazy i Noworodka;
Wojewodski Zaklad Higieny Weterynaryjnej, Katowice.
(TRICHOMONAS INFECTIONS ther)

ZAWADZKI, JOZEF.

Zawadzki, Jozef. Technologia chemiczna nierorganiczna. Wyd. 2 uzup.
Warszawa, Panstwowe Wydawn. Techniczne, 1951. (Chemical inorganic
technology; a textbook. Pt. 1)

SO: East European, LC Vol. 2, No. 12, Dec. 1953

ZANUSKI, J.

"Weighing Elements Revolving at High Speed", p. 186, (TECHNIKA, Vol. 27,
No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), 10, Vol. 4, No. 5,
May 1955, Uncl.

ZAWADZKI, J.

A study of the applicability of warp feelers in wool looms. Biuletyn Wlok.

p. 11 (Przemysl Wloclenniczy. Vol. 10, no. 6, June 1956, Lodz, Poland)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

P/035/60/000/012/001/004
A076/A026

AUTHOR: Zawadzki, Jerzy, Docent, Doctor of Engineering

TITLE: Some Application Possibilities of Dynamics With Varying Mass

PERIODICAL: Przegląd Mechaniczny, 1960, No. 12, pp. 348 - 351

TEXT: Kinetic problems of varying masses is one of the mechanical sections not receiving enough attention in the present-day education system. The author lists a number of scientists who contributed towards expansion of dynamics with varying mass, i.e., I.V. Meshcherskiy (Ref. 1), Cayley (Ref. 2), Bushley (Ref. 3), Pollard (Ref. 4), Levi-Civita (Ref. 5) and Konstantin Tsiolkovskiy 1857 - 1935. Further, he presents the basic theory of this problem and describes a number of examples. There are 4 figures and 7 references: 2 Polish, 2 Soviet, 1 French, 1 Italian and 1 English.

ASSOCIATION: Katedra Mechaniki Technicznej Politechniki Wrocławskiej (Department of Technical Mechanics, Wrocław Polytechnic) ✓

Card 1/1

ZAWADZKI, JERZY

POLAND/Chemical Technology - Chemical Products and Their
Application, Corrosion. Protection from Corrosion.

H-4

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25510

Author : Zawadzki Jerzy

Inst :

Title : Volatile Corrosion Inhibitors.

Orig Pub : Opakowanie, 1957, 3, No 4, 2-5

Abstract : Compositions are given of the industrially utilized volatile corrosion inhibitors (VCI), and it is pointed out that most of them are different amine- compounds. Processes of VCI adsorption at metal surface are considered in presence and in absence of hydrolysis of VCI. Investigations of effectiveness of VCI during warehouse storage of metal articles and in their shipping, which are conducted at the Polish Institute of Precision Mechanics, are described. Determinations were also made of appropriateness of the use of VCI with parkerized,

Card 1/3

POLAND Chemical Technology - Chemical Products and Their Applications - Corrosion. Protection from Corrosion. H-4

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25510

oxidized and colored steel, Cu, brass, Zn and passivated Zn. For comparison, German and British preparations were also tested. It was found that Polish VCI are of same quality as German and British. It is noted that effectiveness of VCI depends on their purity and production method. Highest effectiveness is exhibited by C.P. dicyclohexylamine nitrate, carbonate of cyclohexylamine, and also its salts with organic acids. After 120-hour tests of VCI (100% relative humidity, 55°) no corrosion was observed in samples kept in the atmosphere, while in absence of VCI an 0.3 mm deep corrosion was found (corrosion started after 30 minutes). Such effectiveness of VCI is possible only when their concentration in the atmosphere is sufficiently high. Fields of application of VCI are enumerated. Data on expenditure, costs and packaging methods, are cited.

Card 2/3

- 10 -

POLAND/Chemical Technology - Chemical Products and Their
Application. Corrosion. Protection from Corrosion.

H-4

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25510

It is noted that such VCI as dicyclohexylamine nitrate and salts of fatty acids are not suited for use with colored articles. Recommendations are made concerning packaging: electric and precision equipment is protected over the VCI-impregnated paper with paper-tape wrapping, against mechanical damage, and then with paraffin-paper; phonograph- and sewing needles, dental drills, hair curling irons, etc., are packed in boxes wrapped with VCI-impregnated paper; rolls of wire and surface of pipes are protected by tape wrappers made from the same paper; for protection of the inner surface of pipes paper coils impregnated with VCI are placed inside of them.

Card 3/3

ZAWADZKI, JERZY
POLAND/Chemical Technology - Chemical Products and Their
Application, Part 4. - Dyeing and Chemical
Treatment of Textile Materials.

H-33

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23557

Author : Ryszard Tomaszewski, Jerzy Zawadzki

Inst : -

Title : Warp Sizing in Wool Industry.

Orig Pub : Przem. włokenniczy, 1957, 14, No 1, 17-19; No 3, 120-125

Abstract : The requirements put to sized warp and the specifications of natural and synthetic substances used as size are presented. The principles of size preparation, in particular of sizes based on starch, are described. The specification of softeners and gygrosopic and antiseptic substances added to sizes is presented. The technology of preparing sizes on vegetable, animal and synthetic bases, as well as technological process of sizing and its control are described.

Card 1/1

POLAND / Chemical Technology. Chemical Products and H-4
Their Application. Corrosion, Corrosion Control

Abs Jour: Ref Zhur--Khimiya, No 3, 1959, 8616

Author : Zawadzki, J.

Inst : Not given

Title : Corrosion and Prevention of Corrosion of Metal
Food Cans

Orig Pub: Opakowanie, 1958, 4, No 3, 13-14

Abstract: A review of methods for obtaining white tin for
food cans and qualitative determination of its
properties. Bibliograph, 17 references. --V.
Kashcheyov

Card 1/1

110

ZAWADZKI, J.

POLAND / Chemical Technology. Chemical Products and
Their Applications. Corrosion. Corrosion
Control. H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31745.

Author : Zawadzki, J.

Inst : Not given.

Title : Corrosion and the Protection of Canned Jars
from Corrosion.

Orig Pub: Opakowanie, 1958, 4, No 4, 10-11.

Abstract: The influence of various corrosion factors on
the properties of Sn are examined. It is noted
that the danger of electrochemical corrosion of
tin plates decreases considerably in the pres-
ence of organic (oxalic, citric, etc.) acids,
which form complexes with Sn ions. In the stor-
ing of canned goods, the use of a corrosion in-
hibitor is recommended. -- V. Kashecheyov.

Card 1/1

181

H

COUNTRY : POLAND
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Corrosion. Corrosion Control
 ABS. JOUR. : RZhKhiz., No 17, 1959, No. 61227
 AUTHOR : Zawadzki J.
 INSTITUTE :
 TITLE : Corrosion and Corrosion Protection of Metal Food
 Cans
 ORIG. PUB. : Opakowanie, 1958, 4, No 6, 13-14

ABSTRACT : Food cans (C) made of untinned iron are covered
 with several layers of thermoplastic phenol-for-
 maldehyde resin lacquer. In cans of the above type
 vitamin "C" is better preserved than in glass
 jars. It is to be noted that in the manufacture
 of food C, Al and its alloys find an over increa-
 sing application. Pure Al stands well against
 corrosion, but it is not as mechanically strong
 as its alloys. It is proposed to manufacture C
 from "black" iron, plated with Al, which in its
 turn, is covered with lacquer made of epoxide or

Card: 1/2

COUNTRY : H
CATEGORY :

ABS. JOUR. : RZhKhim., No 17, 1959, No. 61227

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : phenol-formaldehyde resins. The liberation of H_2
Con'd occurring in the process of corrosion of the lacque-
red Al C is not greater than in similar C made of
lacquered white iron. For preceding article see
Ref. Zhur.-Khimiya, 1959, No 13, 46154

Card: 2/2

II - 11

24(6)

AUTHOR:

POL/35-59-13-3/25
Zawadzki, Jerzy, Assistant Professor, Doctor, Engineer

TITLE:

The Gyroscopic Moment of Elastic Shafts Whirling at High
Speeds and Its Influence on the Mechanical Vibrations
of the System

PERIODICAL: Przegląd mechaniczny, 1959, Nr 13, pp 424-428. (Poland)

ABSTRACT:

This is a continuation of two previous articles on the
subject (1. 7 and 8), hence the author nowhere defines
the terms and symbols used in deriving the mathematical
formulae involved. The article begins with a brief
discussion of the influence of the gyroscopic moment
on the change of the critical number of revolutions
of a shaft and shield system. Fig 8 shows three
phases of an experiment carried out during the author's
visit to the Mechanics Institute of the Technische
Hochschule in Dresden. The author then gives a brief
theoretical description of the experiment. Basing
himself on a generalized form of Hooke's Law (Equation
7), the author shows how to calculate the linear and
angular displacement of the shield. He then derives

Card 1/2

POL/35-59-13-3/25

The Gyroscopic Moment of Elastic Shafts Whirling at High Speeds and
Its Influence on the Mechanical Vibrations of the System

several formulae showing the values of positive and negative precession. These are summarized in a graph (Fig 12). The author then describes the influence of the gyroscopic moment on the vibrations of a rigid shaft rotating on resilient bearings. He considers that both types of problems can in fact be treated similarly since the elastic parts of the shaft between the shield and the bearings can be considered as elastic supports with reduced rigidity. There are 12 graphs, 8 photographs and 9 references, 3 of which are Polish, 1 German and 5 Soviet.

ASSOCIATION: Politechnika Wroclawska (Wroclaw Polytechnic)

Card 2/2

ZAWADZKI, Jerzy, prof. dr inż.; NOWAK, Marian, mgr inż., st. asystent

For broader application of modern methods in designing devices
for damping noises and vibrations of machines. Przegl mech 24
no.5:130-134 10 Mr '65.

1. Department of Technical Mechanics of the Wrocław Technical
University.

MARKUSZEWICZ, M., prof. dr inz.; GROJECKI, J., mgr inz.; ZAWADA, A., mgr inz.

Determination of basic technological parameters influencing the loss of transformer metal sheets under the production conditions of the Lenin Steel Works. Biul inf inst metal zel no.2:8-10 '64.

1. Department of Magnetic Materials of the Institute of Iron Metallurgy, Gliwice.

ZAWADZKA, Zofia

Development of the stem apex of *Lilium regale* Wils. Acta
agrobor 16:105-131 '64.

1. Department of Ornamental Plants of the Central College of
Agriculture, Warsaw.

ZAWADZKI, L.

Hemoglobin determination according to Sahlil. Polski tygod. lek.
'7 no. 25:838 23 June 1952. (OIML 23:3)

1. Of the Second Gynecological Clinic (Head—Prof. Sowinski, M. D.)
of Warsaw Medical Academy.

ROZWADOWSKA-DOWZYTKO, Maria; KOTLARSKA, Halina; ZAWADZKI, Marian

Essential arterial hypertension and its role in working capacity.
Polskie arch. med. wewn. 26 no.4:497-503 1956.

1. Z III Klin. Chorob Wewn. AM w Pozn. Kier. prof. dr. med.
F. Labendzinski Z Wojewodzkiej Poradni Specjalistycznej w Pozn.
Kier. dr. med. J. Wojtczak, Poznan, ul. Slowackiego 40 m. 2.

(HYPERTENSION, physiology,
working capacity (Pol))

(WORK, in various disease,
capacity in hypertension (Pol))

ALKIEWICZ, Jan, MACKIEWICZ, Stefan, MOCZKO, Stefan, MOCZKO, Wanda,
ROZWADOWSKA-DOWZENKO, Maria, ZAWADZKI, Marian

Psoriasis inversa and rheumatoid arthritis. Polski tygodnik.
13 no.8:269-274 24 Feb 58

1. (Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik;
prof.dr F. Labendzinski; z Oddziału Dermatologicznego Szpitala
Miejskiego im. Strusia w Poznaniu; ordynator; doc dr J. Alkiewicz. i
z Zakładu Radiologii A.M. w Poznaniu; kierownik; doc. dr B. Gładysz.
Adres autorat: Poznań, ul Szkolna 8/12 III Klin. Chor Wewn. A.M.

(ARTHRITIS, RHEUMATOID, differ, diag.

psoriatic arthritis (Pol))

(ARTHRITIS, differ, diag.

psoriatic arthritis from rheum. arthritis (Pol))

2

Kinetics of the decomposition of zinc carbonate. M. J. Zawadzki and W. Hamborika. *Russ. J. Inorg. Chem. Phys.* 1948, 1948, 37-38. (1948) (in English). *J. C. S. 12*, 6139. Expts. on the decomposition of $ZnCO_3$ into ZnO and CO_2 were reported. A thermobalance was used to follow the course of the reaction at temps. of 400°, 420°, and 440°. Between 400° and 420° a noticeable speeding-up of decomposition and the appearance of 2 velocity max. were observed. Similar effects were absent at 440°. ZnO bound on the surface a part of the CO_2 from the decompos. of $ZnCO_3$, and the velocity of this tendency increased with increasing temp. At 440° this tendency predominated; at lower temp. it did not. Decompos. was not complete in any of the expts., and never exceeded 81%. X-ray analyses indicated no $ZnCO_3$ above 90% decompos., but only ZnO and adsorbed CO_2 . Below 60% decompos. $ZnCO_3$ was present. The crystal lattice of ZnO , however, developed slowly below 1000°, and in a slower process than the production of CO_2 . For these reasons $ZnCO_3$ cannot be obtained from ZnO and CO_2 , neither can equil. be obtained by decompos. of $ZnCO_3$. The effect of temp. on the velocity is, therefore, important, and activation heat (44,000 cal.) is greater than reaction heat (16,400-17,200 cal.).

M. J. Zawadzki

ASB-514 - METALLURGICAL LITERATURE CLASSIFICATION

ESTATE-514

DASZCZYNSKI, J.; LEWANDOWICZ, J.; NOSTICKI, S.; SAWADSKI, R.

Myocardial infarction in a 2-month-old infant with primary
pulmonary hypertension. Kardiol. Pol. 7 no.1:63-68 '64.

1. Z II Kliniki Pediatrycznej Akademii Medycznej (Kierownik:
prof. dr. E. Redlich) i z Pracowni Anatomicznej Państw.
Szpitala Klinicznego Nr. 4 w Łodzi (Kierownik: dr. K. Sawadzki).

ZAWADZKA, K.; ZAWADZKI, R.

Endocardial fibroelastosis, Kardiol. Pol. 5 no.2:143-146 '62.

1. Z Zakładu Anatomii Patologicznej AM w Łodzi Kierownik: prof. dr
A. Pruszczyński.

(ENDOCARDIAL FIBROELASTOSIS statistic)

BASZCZYNSKI, J.; LEWANDOWICZ, J.; NOWICKI, S.; ZAWADZKI, R.

Myocardial infarction in a 2-month-old infant with primary
Pulmonary hypertension. Kardiologia Polska. 7 no.1:63-68 '64.

1. Z II Kliniki Pediatricznej Akademii Medycznej (Kierownik:
prof. dr. E. Redlich) i z Pracowni Anatomopatologicznej Państw.
Szpitala Klinicznego Nr. 4 w Łodzi (Kierownik: dr. R. Zawadzki).

POLAND

KALISZEWICZ, Stanislaw, STACH, Adam, LASKOWSKI, Stefan, and ZAWADZKI, Roman. First Clinic of Internal Diseases (I Klinika Chorob Wewnetrznych) (Director: Prof. Dr. med sci. J. W. GROTT) and Department of Pathological Anatomy (Zaklad Anatomii Patologicznej) (Director: Prof. Dr. med. A. PRUSZCZYNSKI), AM [Akademia Medyczna, Medical Academy] in Lodz

"Case of Aortic-arch Thromboarteritis Obliterans in Light of Clinical Symptoms and Anatomic-pathological Findings."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 2, 28 Feb 63, pp 160-161.

Abstract: [Authors' Russian summary modified] Authors report a case with clinical and p.m. findings consistent with Takayasu's syndrome. However, 23-year old history of vascular disease commencing with characteristic symptoms of Buerger's disease and quantitative rather than qualitative differences in changes occurring in all main arteries suggest to the authors that both these diseases may have one etiological factor. Of the six references, one is Polish, one Hungarian, and four Western.

1/1

ZAWADZKI, Romuald

On the module of the derivative of holomorphic univalent K -symmetric functions. *Chemia Lodz* no.11:6-59 '61.

1. Katedra Matematyki, Wydział Chemiczny, Politechnika, Łódź

ZAWADZKI RY.

[illegible]

④

BASZCZYNSKI, Jan; MAJCHERSKI, Tadeusz; NOWICKI, Stanislaw;
ZAWADZKI, Ryszard

Contribution to Ivemark's syndrome. Pediat. pol. 38 no.10:
927-931 0 '63.

1. Z II Kliniki Pediatrycznej AM i WAM w Lodzi. Kierownik: prof.
dr med. Fr. Redlich i z Pracowni Anatomopatologicznej PSK nr 4
Kierownik: lek. R. Zawadzki.

(SITUS INVERSUS) (HEART DEFECTS, CONGENITAL)
(SPLEEN) (ABNORMALITIES)

JUDKIEWICZ, Luba; SUFLETA, Zofia; ZAWADZKI, Ryszard

Syndrome of congenital absence of the spleen with developmental defects of the heart (Ivermark's syndrome). Polski tygod. lek. 16 no.20:761-764 15 My '61.

1. Z II Kliniki Chorob Dzieci A.M. w Lodzi; kierownik: prof. dr Fr. Redlich, z Laboratorium Hematologicznego P.S.K. Nr 4 w Lodzi; kierownik: dr med. H. Kolodziejaska i z Zakladu Anatomii Patologicznej A.M. w Lodzi; kierownik: prof. dr A. Pruszczyński.

(SPLEEN abnorm) (HEART DEFECTS CONGENITAL compl)

RUSZCZEWSKI, Zygmunt; ZAWADZKI, Ryszard; GRYNSZTAJN, Adam; KAPUSCINSKA, Wanda; RUWINSKI, Roman; WIECZOREK, Mirosław; SZOZDA, Mieczysław

Anatomic and pathologic studies on the effect of cotton dust on the respiratory tract. Polski tygod. lek. 9 no.50:1602-1604 13 Dec 54.

1. Z Zakładu Anatomii Patologicznej A.M.w Lodz; kierownik: prof. dr A.Pruszczyński.

(RESPIRATORY TRACT, physiology,
eff. of cotton dust, autopsy findings in subjects
exposed to dust)

(DUST,
cotton dust, eff. on resp. tract, autopsy findings in
subjects exposed to dust)

(COTTON,
cotton dust, eff. on resp. tract, autopsy findings in
subjects exposed to dust)

BASZCZYNSKI, J.; MAJCHERSKI, T. ZAWADZKI, R.

A primary tumor of the heart in an infant, hamartia myo-
elasto-fibroidea. Kardiologia pol. 6 no. 4: 285-289 '63.

1. Z II Kliniki Pediatrycznej AM w Łodzi; kierownik: prof.
dr. F. Redlich.

*

ZAWADZKI, R.

SCIENCE

Periodical: KOSMOS. SERIA A: BIOLOGIA. Vol. 8, no. 10, 1957. In French.

ZAWADZKI, R. The equations of extreme functions in the families of single-valued functions algebraic nonlimited. p. 1.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3, May 1959
Unclass.

LIPINSKA-PIOTROWSKA, Irena; ZAWADZKI, Ryszard, lekarz;

Congenital goiter as a cause of death of a newborn. Endokr.
Pol. 16 no.2:151-155 Mr-Ap'65.

1. I Klinika Chorob Dzieci Akademii Medycznej w Lodzi (Kierownik: prof. dr. K. Sroczynski) i Pracownia Anatomii Patologicznej Szpitala im. M. Konopnickiej (Kierownik: lekarz R. Zawadzki).

ZAWADZKI, S.

Complexometric analysis. p. 511.

WIADOMOSCI CHEMICZNE. (Polskie Towarzystwo Chemiczne)
Wroclaw. Vol. 12, no. 9, Sept. 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

ZAWADZKI, Stanislaw Maciej

Central industrial district. Przegl geograf 35 no.1:51-64 '63.

ZAWADZKI, Stanislaw Maciej

An industrial enterprise as subject of economic geographical
research. Przegl geogr 34 no.2:384-389 '62.

ZAWADZKI, Stanislaw Maciej

"Problems of distribution of the production forces in the period of building up communism" edited by the Academy of Sciences of the U.S.S.R. Reviewed by Stanislaw Maciej Zawadzki. Przegl geogr 34 no.2:408-409 '62.

ZAWADZKI, Stanislaw M.

Territorial scope of activities of raw material bases for
fiber board production in Poland. Przem drzewny 12 no.8:6-7
'61.

PIOTROWICZ-KASPRZAKOWA, Krystyna; ZAWADZKI, Tadeusz

Adrenalectomy in peripheral vascular diseases. Polskie arch
med. wewn. 28 no.5:826-829 1958.

1. Z III Kliniki Chirurgicznej A.M. w Łodzi. Kierownik: prof. dr
med. W. Tomaszewicz. Adres autora: Łódź, ul. Kilinskiego 40 m.4)
(VASCULAR DISEASES, PERIPHERAL, surg.
adrenalectomy, statist. (Pol))
(ADRENALECTOMY, in various dis.
peripheral vaso. dis., statist (Pol))

CZERUCKI, Wladyslaw; DZIWISZ, Mieczyslaw; SOLTYSIAK, Adam;
ZAWADZKI, Tadeusz

Primary suture of the common bile duct following its surgical
opening. Pol. przegl. chir. 35 no.7/8:812-815 '63.

1. Z III Kliniki Chirurgicznej AM w Łodzi Kierownik: prof.
dr W. Tomaszewicz Obecnie: doc. dr A. Aliehniewicz.
(COMMON BILE DUCT) (SURGERY, OPERATIVE)
(SUTURE TECHNIQS) (PERITONITIS)

ZAWADZKI, Tadeusz

Surgical therapy of hallux valgus. Polski przegl.chir. 31
no.12:1337-1340 D '59.

1. Z III Kliniki Chirurgicznej AM w Łodzi Kierownik: prof.
dr W. Tomaszewicz. Polski przegl.chir. 31 no.12:1337-1340
D '59.

(HALLUX)

ALICHNIEWICZ, Andrzej; JANKOWSKI, Bogdan; ZAWADZKI, Tadeusz

Simultaneous gastrectomy and excision of the lower segment
of esophagus performed by 2 surgical teams. Pol. przegl.
chir. 37 no.3:270-272 Nr 165.

1. Z III Kliniki Chirurgicznej Akademii Medycznej w Łodzi
(Kierownik: doc. dr. A. Alichniewicz).

ZAWADZKI, W.

"Some Tasks Facing Meat and Dairy Industries in 1953." p.1
(PRZEMYSŁ ROLNY I SPOŻYWCZY Vol. 7, no. 1, Jan. 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

ZANADZINSKI, W., Slowikowski, W.

Note on relatively complete B_n spaces. In English. p. 267.
(SIENIA MATHEMATICA. Vol. 15, no. 3, 1966, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) 10. Vol. 6, no. 12, Dec. 1957.
Uncl.

ZAWADOWSKI, W.

A theorem on quasi-ordered division algebras. Bul Ac Pol mat 8 no.3:
173-177 '60.
(ERAI 9:11)

1. Institute of Mathematics, Polish Academy of Sciences.
Presented by A. Mostowski.
(Algebra)
(Fields, Algebraic)

ZAWADZKI, W.

8

1. Name of the person or organization	2. Address	3. City	4. State	5. Zip
6. Date of birth	7. Date of death	8. Date of entry	9. Date of exit	10. Date of return
11. Date of departure	12. Date of arrival	13. Date of departure	14. Date of arrival	15. Date of departure
16. Date of arrival	17. Date of departure	18. Date of arrival	19. Date of departure	20. Date of arrival
21. Date of departure	22. Date of arrival	23. Date of departure	24. Date of arrival	25. Date of departure
26. Date of arrival	27. Date of departure	28. Date of arrival	29. Date of departure	30. Date of arrival
31. Date of departure	32. Date of arrival	33. Date of departure	34. Date of arrival	35. Date of departure
36. Date of arrival	37. Date of departure	38. Date of arrival	39. Date of departure	40. Date of arrival
41. Date of departure	42. Date of arrival	43. Date of departure	44. Date of arrival	45. Date of departure
46. Date of arrival	47. Date of departure	48. Date of arrival	49. Date of departure	50. Date of arrival
51. Date of departure	52. Date of arrival	53. Date of departure	54. Date of arrival	55. Date of departure
56. Date of arrival	57. Date of departure	58. Date of arrival	59. Date of departure	60. Date of arrival
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Inst :

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P/027/61/000/004/002/002
D218/D308

AUTHORS: Droste, Z. and Zawicki, I.

TITLE: New seismological apparatus

PERIODICAL: Przegląd geofizyczny, no. 4, 1961, 291-292

TEXT: The extended program of seismic studies in Upper Silesia has necessitated the development of special apparatus for measuring the tilt and stresses of the earth's crust. The apparatus was designed and built by I. Zawicki and consists of a tiltmeter and a tensograph. In both cases use is made of the Hall effect. The Hall element is located in a non-uniform magnetic field and any change in its position produces a change in the Hall emf. The two devices have been installed in a mine shaft at a depth of 321 m. ✓

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P/026/62/010/001/001/002
D218/D304

9.4370 (10431137)

AUTHORS: Nałecz, Maciej and Zawicki, Ignacy

TITLE: Application of the Hall effect to seismographic recording

PERIODICAL: Acta geophysical polonica, v. 10, no. 1, 13-24

TEXT: It is shown that by placing a Hall plate in a nonuniform magnetic field it is possible to obtain a Hall emf which is proportional to the displacement of the plate in a given direction. The region of proportionality is limited, but sufficient for practical purposes. The magnet employed by the authors is illustrated schematically in Fig. 2. In this field configuration, the Hall emf is approximately given by Eq. 2

$$U_H = \frac{R_H}{b \cdot d} \cdot I_p \cdot B \cdot X \cdot 10^{-8} \quad \text{where } d \text{ is the}$$

thickness of the plate, b its breadth, I_p - the current flowing through it, B - the magnetic flux density, R_H - Hall's constant, and X - displacement. In an actual seismograph, the plate is attached to the end of a

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D218/D304

Application of the Hall ...

long rod of a suitable moment of inertia which is spring-loaded at one end and can rotate about an axis attached to a heavy base. The Hall emf is recorded by a moving-coil galvanometer, whose response can be traced out on photographic paper: Polish CH1 Hall plates were employed (12 x 6 x 0.25 mm³; Ge; $R_H = 2500 \text{ cm}^3/\text{coulomb}$). The equations of motion of the system have been solved and the results are reported and compared with those for the electrodynamic seismograph. The Hall-plate seismograph gives a higher magnification (by a factor of up to 100) and falls off more slowly with frequency. It is shown that the combination of a Hall plate and a non-uniform magnetic field can be used to measure any quantity which has a linear displacement associated with it. The authors have constructed a strain gauge and an inclinometer based on this principle. Professor Stefan Manczarski, Director of the Zakład geofizyki PAN (Geophysics Institute PAS) and Docent Doctor Roman Teisseyre are thanked for their interest and advice. There are 12 figures and 3 references: 1 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: M. Natęcz, Electronic Technology, Jan. 1961; J.L. Bower,

Card 2/3

Application of the Hall ...

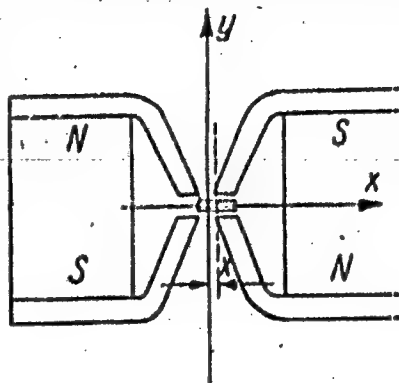
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D218/D304

Introduction to the Design of Servomechanisms.

ASSOCIATION: Zakład elektrotechniki IPPT PAN (Institute of Electrical Engineering IPPT PAS)

SUBMITTED: July 14, 1961

Fig. 2
Example of a system giving a
linear dependence of U_H on $f(x)$



Card 3/3

Rys. 2. Przykład układu, w którym uzyskuje się
zależność liniową $U_H = f(x)$

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[The page contains several columns of extremely faint, illegible handwritten text.]

③

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A. Gruca.

(SPINE physiol) (GROWTH)

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